

New Varieties of Canola Aim of Latest Collaborative Research Project

A research program of considerable value to the Canadian canola industry has been re-established through a three-partner agreement.

Agriculture Canada's Research Branch is placing a canola breeder at the University of Alberta, with the University providing the facilities, and Alberta Agriculture providing some technical staff. The Canola Council may also make financial contributions.

"It's an excellent example of collaborative research," Bob Armit, director of Research Services,

commented after the agreement had been announced (24 June). "These kinds of exchanges are part of the future," he added.

The University converted its canola breeding position to an oilseeds biotechnology position whose fundamental studies are aimed at generating new and useful genetic material ultimately resulting in new and better varieties. This left an opening for a person who can do the development and testing of the new material, the job of a plant

breeder. "The secondment of a position from Agriculture Canada is very timely," says Dean of Agriculture and Forestry Roy Berg.

Gary Stringam, currently working in Pakistan, will arrive at the University of Alberta on 1 September.

The five-year agreement that re-established the canola breeding program was signed in April by Agriculture Canada, the University of Alberta and Alberta Agriculture.□



Quote

"I don't have any male grandchildren. I'm afraid my family name is going to die out."

Burton Smith (History), at a recent University function.□

Scholarships in Chinese Studies Funded

The Chinese Graduates Association of Alberta (CGAA) has donated \$15,000 to the University of Alberta to establish annual scholarships in the area of Chinese studies.

The first scholarship will likely be awarded in 1989.

Shirley Kwan presented the donation to President Myer Horowitz who told her, other members of CGAA's contingent, and Sonja Arntzen, Chair, East Asian Languages and Literatures, that the gift would likely be matched, 2:1 by Alberta Advanced Education.

"We'll have to line up, but I'm confident it will be matched and we'll have an endowment of \$45,000."

"Yours is the first scholarship for Asian-related topics at the University of Alberta," Dr. Arntzen commented.

The CGAA and Student Awards visualize two undergraduate scholarships of equal value and one graduate scholarship in the same amount.

CGAA was formed in 1974 by a group of professionals and university and college graduates. Its interests lie in the promotion of social participation, community involvement, and multiculturalism.

The Association's pioneering efforts have resulted in the availability in the Edmonton public school system of a bilingual English-Chinese education program, the first of its kind in Canada.□

FOLIO

University of Alberta

30 June 1988

Universiade Yields Scholarship Bonanza

At the 17 June meeting of Senate, President Myer Horowitz expressed optimism that "we will receive some special attention during this budget year."

Both the President and Chancellor Tevie Miller commented on the \$1 million left in the kitty from Universiade '83. At least for one year (1988-89), 40 scholarships, each valued at \$2,500, will be available for high school graduates (at least 10), students who have already put in a year's study here (at least 10), and students transferring directly to the University of Alberta from colleges (at least 10). The remaining 10 scholarships could go to any of the three categories.

Writing Competence

To help Senators learn more about the writing competence issue, the agenda-makers brought together Dr. Meekison, Vice-President (Academic); Lorna McCallum, director of Testing and Remediation; and, representing Alberta Education and the Alberta Teachers' Association, Elana Scraba and Robin Stewart. Dr. Meekison began the discussion by remarking that he has spent more time on writing competence policy than on

any other matter, including the long-range planning document. A dove when the matter first came to his attention, he quickly became hawkish after looking at some of the (anonymous) attempts of students who failed the test. He said the responsibility for writing competence is not the prerogative of the Department of English (its job is to teach English literature) but of the University as a whole.

The Writing Competence Test (WCT) (time: two hours; length: 400 words) is diagnostic in nature, Dr. Meekison said. Has the level of writing improved? "I can't answer this because of the number of variables involved. No test is perfect but we feel this is the best test available at this level and cost."

He explained that through the Faculty of Extension's English as a Second Language Program and the Office of Disabled Student Services the University has done what it can to ensure that the test doesn't impose undue difficulty on students whose first language is not English and on physically handicapped students.

A recurring problem is that students tend to procrastinate in spite of suggestions from Testing

and Remediation that they take the test as soon as possible. Two-thirds of those tested pass on their first try, Dr. Meekison told the meeting.

There's no support at the present time for the abolishment of the WCT, Dr. Meekison emphasized.

Dr. McCallum said about 40 percent of new students need some form of remedial work. The WCT is marked by two individuals. The first offers an overall assessment of the essay, the second gives a detailed analysis of the student's abilities. "To fail, he or she must have very serious difficulties in two or more of the categories" (logical arguments, clear organization, well-developed paragraphs, well-constructed sentences, accurate word use, and correct grammar, spelling, and punctuation), Dr. McCallum said.

"Are we being too idealistic? I would say definitely no. It's a very minimal standard." (In the ensuing discussion period, President Horowitz said, "I swear that all we're looking for is a grade nine standard.")

Elana Scraba, associate director of the Social Studies/Language Arts Diploma Exam Development,

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Artist and Honorary Degree Recipient Values 'Women of Generous Spirit, Men Undaunted by Feminism'

Honorary degree recipient Jennifer Dickson addressed Spring Convocation (6 June) thusly.

As I stand before you today I sense the profound symbolism of this occasion. Contemporary life is more and more denuded of ritual, yet it is through ritual that we affirm the significance of our decisions, and our subsequent actions. This ceremony marks, for those of you leaving the University, a beginning which is both intimidating and exhilarating.

Thus as I walked this symbolic route to stand before you I was accompanied and strengthened by the presence of close friends, fellow artists, women of generous spirit, and men undaunted by feminism. I was also accompanied by ghosts. I was aware of the companionship of my mother, Margaret Joan Dickson, and also of my mentor-in-art, Stanley William Hayter, the great modern printmaker under whom I studied in Paris.

If I feel any sadness on this joyful occasion, it is caused by their absence. You are conferring on me a singular honor of which I am immensely proud.

This honor causes me to reflect on the fact that my achievements as an artist are the result of Bill Hayter's tough teaching, his abhorrence of mediocrity, and my mother's refusal to accept limits to her daughters' potential.

My mother was not, I imagine, very different to most women of her generation. She was the second

of five daughters of a bureaucrat, who did not believe in the value of education for women. She never graduated from high school. The depression of the 1930s forced her to enter the work force in a dead-end clerical job. Marriage was her only escape; compulsory pregnancy her annual destiny. I was the second of six children who lived; several others did not survive.

Rising above the gruelling daily treadmill, my mother had the courage and the insolence to envisage a different life for her four daughters. When I turned sixteen she encouraged me to run away from home to London, England, there to embark on five years of training as a professional artist. "I'll settle your father," she said, and she did. For five years she deprived herself of comforts and, I suspect, often of necessities, in order to help me financially. Her belief that *anything* could be accomplished given the right frame of mind has emboldened me to take on tasks which would have intimidated Hercules, or Boadicea. My mother's determination was coupled with her unshakeable belief in the fundamental goodness of human beings.

Thus, in accepting this degree, I accept it not only for myself, but for my mother, and those other countless, nameless women of determination. It is their generosity of spirit, their refusal to accept the limitations of a male world, which has enabled my generation to

dismantle those boundaries.

Diverting though it might be for me to stand here and recount my lifestory (and some episodes are quite amusing), I use it to draw attention to this fact: we are all the living testament to those people who have loved us, nurtured us, taught us, and kicked our asses.

At this moment it is fashionable to take as gospel the advertising slogan of a certain tobacco company who proclaim: "You've come a long way, baby." A long way yes—but not far enough. My mother's generation had few choices, and even fewer rights. My generation of women was the first to have biological control of their lives: a fact which is too readily glossed over. There is nothing romantic in involuntary childbearing. The present generation of women are in danger of losing many rights they have taken for granted. Rights which are not constantly defended are readily eroded. The right of women to choose whether or not they will bear children is yet again being challenged.

Decade of Wonder Woman

In recent years the joyful manner in which many men have put aside the straight jacket of non-feeling, and participated in child nurturing has been cause for celebration. Young women, on the other hand, are faring less well. There is a widespread perception that the status of women leaves nothing to be desired, and that poverty, discrimination and sexual harassment are the deluded inventions of a few disgruntled feminists. This is the decade of wonder woman who is able to work late in the executive suite, maintain the perfect yuppie residence, and parent by remote control: one of the newer male mythologies. Reality presents a different picture, current statistics on the incomes of women who are single parents are no cause for celebration. Legislation has still to catch up with changing patterns of responsibility within the family.

Interestingly many of the ways in which the political system interacts with women are those used when this society interacts with artists. In Canada today two out of every three professional artists are female. In the contemporary art exhibited in the newly opened National Gallery of Canada it is boys again (as usual) with a token nod here and there to

art created by women. On a low level society's misconceptions about the role of artists is less gender biased, and the public would be delighted if we confined our political expressions to images of birds, preferably with a twinkle in their eyes. Alternatively we are witness to the tragic life, death, and posthumous fate of Vincent Van Gogh, where *Auctions speak louder than words*.

It is fashionable at the moment to speak of culture as an "industry" (especially in Ottawa, where the "industry" is endlessly analysed, reported on, briefed and de-briefed by bureaucrats who earn several times more than the primary producer—by whom I mean artist, writer, musician). When the economy is buoyant we are perceived as amusing children or entertaining court jesters: I was once at a dinner at Rideau Hall where Canada's prima ballerina was asked to dance not for but after supper. When the economy is on a downswing we are perceived as Canada Council junkies, and bureaucratic jargon contains no references to the desirability of "corporate sponsorship." As an artist I am often struck by the complacency of bureaucrats within the cultural area who believe that keeping us lean and hungry motivates us to attain greater heights of expression. They, however, need the sustenance provided by biweekly pay cheques in order to function effectively.

The faucet philosophy of culture sadly drives artists underground. This alienation is all the more sad because the function of art is to communicate, and what art communicates is dangerous, volatile, and often intoxicating matter. Our education system is such that cultural literacy is a zero priority. (Last week the Ottawa Board of Education laid off all its arts specialists. When challenged on this they replied: "No, this is not a cultural backlash. It is simply numerical adjustment.") It is an easy matter to write off contemporary art as an elaborate hoax perpetrated on the public by artists or, could it be that what artists are communicating is to important—and disturbing—to taken seriously?

Our perception of Canada as state of mind and place was largely formed by the landscapes of Tom Thomson and the Group of Seven. The stones and water-moulded trails of Marlene Creates of

Continued on page three

Lawyer Recommends Humor, Common Sense, Public Service

"Take time to enjoy life—a little humor won't hurt you one bit," was Kenneth Moore's first piece of advice to newly-minted graduates on the closing day of Spring Convocation (13 June).

More sober thoughts followed.

"Your education has taught you how to think, but it's only a beginning," the honorary degree recipient went on. Graduates must continue to learn from experience—and by observing others, he told them. They must adapt to new conditions, and be prepared to absorb—like a sponge—new techniques and new laws.

A few 'artists' are at the top of any profession because of their unusual dedication and perseverance. "Wayne Gretzky is

an 'artist' in his profession," said the Chief Justice, Court of Queen's Bench of Alberta, and a former member of the Edmonton Eskimos and Calgary Stampeders.

The price of success is hard work. The measure of success is not money but "the degree of respect others hold for you."

Exercise a little common sense, Chief Justice Moore urged vigorously. Nurture and treasure friendships. Be an ornament to your profession.

And get involved in the community.

"Greatness is for those who care for their neighbor," said the man who is noted for service to his community. □

Clarke Assumes Directorship of Office of Public Affairs

Margaret (Meg) Clarke has been appointed director of the Office of Public Affairs effective 1 August 1988.

Ms. Clarke is currently associate director of the Development Office, a position which she has held for more than three years. She joined the Development Office in 1984 as associate director and was acting director for one year. Her responsibilities included managing a number of major campaigns, for example, the Faculty of Business's "Competitive Edge" campaign which raised \$6 million in one year; the Kurimoto Japanese Garden drive which collected \$1.2 million over several years; the Walter Stirling Anderson Chair of Surgery, which accumulated \$500,000; and the recently initiated Faculty of Medicine campaign "Preparing Physicians for the Future" (target: \$4.3 million).

Ms. Clarke also developed the Parents Association and managed the President's Club, whose membership more than doubled under her guidance. She was responsible for the Alma Mater Fund in 1984-86, when giving increased by 200 percent.

She is president of the Alberta Association of Fund Raising Executives and a director of the Canadian Association of University Development Officers.

Ms. Clarke's association with the



Margaret Clarke

University extends back to 1972 when she was a guest lecturer in the History Department, a position she held for a number of years.

She has been active within the community as president of the Edmonton Symphony Society (1982-84) and as a director of the Association of Canadian Orchestras, and has also acted as an interpreter at the Provincial Museum of Alberta and a consultant to Alberta Culture.

A graduate of the Universities of Kansas (BA) and Chicago (MA), Ms. Clarke has completed the course work for a PhD in history.

Ms. Clarke succeeds Al Squibb who will be working with the Associate Vice-President (University Relations) on special projects. □

U of A, 'ed tel' Ink Agreement

On 17 June the University of Alberta and 'edmonton telephones' signed an agreement which calls for the installation of one of the most advanced telecommunications systems in the world.

Centrex III boasts such features as call forwarding, ring again, and message waiting, thus saving valuable time.

Another important aspect of the system is that all professors will have their own single dedicated line, eliminating the current set-up where a professor shares a telephone line with several others.

At this writing, 'edmonton telephones' staff are visiting departments and units and explaining the features of the system and determining the needs of each department.

There are 15 types of telephone sets ranging from basic touch-tone to the top-of-the-line Meridian business set. According to Kevin Moodie (Physical Plant), the Meridian business set will be suggested to those people who use the telephone a great deal. Most people, he says, will have the basic touch-tone telephone.

Although telephones will begin to be installed in the fall, it's not expected that the work will be completed until 1 March 1989. Nonetheless, the switch-over to the new system will take place at 2 a.m. on 20 January. Campus telephones as well as those at the University of Alberta Hospitals and the Cross Cancer Institute will be

out of service for 15 minutes. The new prefix will be 492- instead of the current 432. All local numbers will remain the same, however.

Centrex III means more efficient telephone service and it won't cost the University anymore than is currently being charged.

The new telephone equipment is on display on the second floor of the Heritage Medical Research Building. To arrange an appointment, call 448-0060.

Training sessions will be conducted in January. Departments will be advised as to dates and times. □

Artists

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Newfoundland are gentle notations on our fragile environment of water, wind, ice and stone. Much contemporary art has a moral message: an installation in the National Gallery juxtaposes publicity photographs of cultural events funded by a Canadian company with lucrative South African interests, with the mortuary photograph of Steve Biko, murdered because he refused to accept slavery as the destiny of black South Africans. Contemporary art contains both prophecy and warning. We will pay a heavy price for refusing to read and heed its message.

Many young people today feel that they have no choice, and that a single voice will not be heard. That other people take decisions; that they should pay up and shut up. If there is anything to be learned from both history of feminism and the history of art, it is that we abdicate making choice at the risk of losing rights. As an artist I have frequently in recent years had to sacrifice the privacy of my studio for the studios of television and radio. I have wasted a great deal of time. Or have I?

You are leaving a privileged environment. The University of Alberta in Edmonton has been, and continues a leader in furthering the rights of women and a catalytic force in all the arts. You will enter a world where greed and expediency often take precedence over public welfare and future goals. Stanley William Hayter once defined art as: an act of transformation. To transform is to change energy from one kind to another.

What I wish for all of you, as you commence your professional careers, is the courage to transform our world.

To life: Le Chaim. □

Muscle Man Gets Awards From AHFMR and Rick Hansen Foundation

Tom Martin (Physical Therapy) has been awarded \$224,000 by the Alberta Heritage Foundation for Medical Research (AHFMR) for research in muscle physiology and metabolism.

The Rick Hansen Foundation* has also awarded him \$35,746 to look at muscle repair in people with spinal cord injury.

Dr. Martin is interested in the effects on individual muscle fibres, at a basic cellular level, of therapy to improve muscle function, and research studies include arthritis patients with knee replacements.

"Whereas the therapist looks at results—can the patient do a task longer, lift a heavier object?—I look at the biochemical reasons why there is or isn't improvement," he explains.

Special equipment is needed for

this and the AHFMR grant will help him buy the technology he developed, in conjunction with NASA, while working at UCLA.

To the uninitiated, the equipment looks like a large and complicated microscope, with a nearby computer workstation much like the average PC.

The basis of the new technology, Dr. Martin points out, is that the information obtained from whatever the microscope focuses on (in his case, a fragment of muscle tissue obtained by biopsy, but in NASA's case, the surface of, say, the moon) is digital and is quantifiable in terms of levels of darkness—there are 256 levels of grey, and each one has a meaning. That's how NASA produces its topographical maps, he says, and he is applying that same imaging capability to tissues to give him a

picture of what happens in a single fibre.

"In a whole muscle, a slight improvement can be lost in the mass. When we can see what's happening at a very fine low level, we can devise types of treatment to lessen the problem or reverse it," he says.

Dr. Martin, who joined the Faculty of Rehabilitation Medicine in September 1987, is a member of the Neuroscience Rehabilitation Group, and looks forward soon to moving into his new laboratory in the Heritage Medical Research Building.

* The Foundation's first-ever grants—there were 20 names on the list—also included an award of \$30,000 to David Reid (director, Glen Sather Sports Medicine Clinic). (Folio story coming soon.) □

University Management Workshop Does Turn Away Business

A clear note for professional development was struck in the Stollery Centre last week.

Thirty administrative and professional officers and 10 academic administrators took the first University management training workshop titled "University Management in Changing Times."

The two-day workshop (20 and 21 June) was established to give a reasonable number of our administrators (a total of 64 people applied) an opportunity to hone their management skills on an annual basis, says Eva Cherniavsky, planning coordinator.

Richard Field (Organizational Analysis) acted as academic coordinator. Speakers included

Myra Bielby of the legal firm Field & Field ("University of Alberta and the Law"); Bastiaan Heemsbergen, Human Energy Management ("Transformation of Leadership and Organizational Culture"); John Waterhouse, (Accounting) ("Introduction to Financial Statements"); Peter Meekison, Vice-President (Academic) ("The Next Decade and Beyond: A Plan for the Future"); and Linda Richardson, director of Legislative Services ("Government and Universities - Partners in Change").

The workshop, which may well become a three-day event, is sponsored by the Advisory Committee on Professional Development, which reports to the Vice-President (Administration). □



What's a workshop without a surprise? Shortly before this photograph was taken, a fire drill interrupted proceedings.

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Senate

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Alberta Education, said Testing and Remediation and Alberta Education don't have opposing views on the matter. The common concern is that graduates of schools and universities should be able to use the language in a correct and precise way. Her comment to the effect that students can enter university with a mark of 50 percent in English 30 was picked up on by President Horowitz. "We should not be admitting students who get 50 or 55 percent in English 30. It's just not acceptable and I'm prepared to defend that. We should consider a requirement of 70 percent."

In Ms. Scraba's view, the diagnostic thrust of the WCT is "laudable and important." However, she contends that confusion surrounds the diagnostic instrument. "Diagnosis by its nature doesn't involve passing and failing . . . there's a conflict of purpose here."

Robin Stewart, executive assistant with the ATA's Professional Development Program, questioned whether the test actually improves writing or serves to leave in university those who are doing well anyway. He felt that diagnostic exercises should occur periodically throughout the year and lead up to the administering of the WCT.

Students who go on to university have already jumped through the hoops. To hit them with a 400-word exam is an affront to all that's gone on before. Don't judge public schools by the results of the test, Mr. Stewart advised.

David Tupper, Vice-President External, Students' Union, said that in his estimation students aren't pleased with having to write the test, but they do accept it. "High school taught me how to think and the test is a reflection of that," he told Senate.

Dr. Horowitz may well have been speaking for (many) others when he said, "For me, it's a major disappointment that in 1988 the University is still involved in testing writing competence. I find it painful that we're still involved. It's unfortunate that in this time of diminishing resources we continue to spend approximately \$200,000 a year in this activity."

In giving the report of the Emil Skarin Fund Committee, Terry Slemko said \$6,600 is available for dispensation in 1988. The projects to receive support are: publication of the Friends of Rutherford House's history book, *A Gentleman of Strathcona*; the Medical Students' Association's Courtyard Concert Series, and the advisory committee,

University/Community Special Projects Fund.

The University and the North

"We listened to more than 200 people and groups in the last eight months," said Peter Caffaro, chairman of the Senate Task Force on the University and the North, in introducing that body's report. (The committee operated on the understanding that "the North" is northern Alberta and the western part of the Northwest Territories.)

"Lack of funds, the report states, is the constant spectre raised by the University of Alberta when contemplating outreach to the North, yet several other universities, geographically more distant, appear to deliver courses without creating a financial crisis. The University has access to many new modes of long-distance delivery, and it would do well to follow the shining example of Faculté Saint-Jean and fully avail itself of the potential which new technology offers."

Among the task force's 19 recommendations are these:

- That the University of Alberta develop a policy statement with regard to the University's responsibilities in the North.
- That the University of Alberta establish an Office of Northern Coordination at a senior administrative level. "Surely the North deserves as much attention as the so-called Third World," Mr. Caffaro said.
- That the University of Alberta establish an affiliation agreement with Arctic College and the Science Institute of the Northwest Territories, and work towards increasing opportunities for interchange between faculty and students.
- That the University of Alberta foster international cooperation among northern-oriented research groups.

Dr. Horowitz found it unusual that no recommendations were addressed to the provincial government and other agencies, but Mr. Caffaro said the task force wouldn't have been able to report for another three years had it ventured further afield.

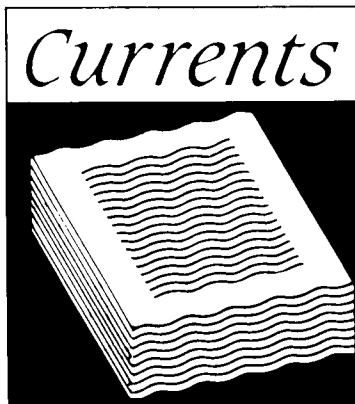
The recommendations were tabled for consideration until the next meeting, 23 September in Spruce Grove and Stony Plain.

Time constraints resulted in the postponement (until September) of the report of the Progress Review Committee on the Task Force on Ethics. □

And We Think We Have Trouble With Weeds . . .

The Donner Canadian Foundation has awarded two zoology researchers \$87,500 to study "Prairie River Restoration: Manipulating Nutrients and Current Flow to Control Aquatic Weed Growth in Flowing Waters". E.E. Prepas and P.A. Chambers will receive the grant over a three-year period.

The research project focusses on the problem that many rivers and irrigation canals in the southern part of the prairies suffer from: excessive growth of water weeds.



On Plots Field Day

Discussion of cropping systems and a soils/crops clinic will hold sway at the Breton Plots Field Day (8 July).

The annual event is sponsored by Alberta Agriculture and the University of Alberta.

The Field Day will take place between 10 a.m. and 3 p.m.. The plots, owned and operated by the University, are located about 110 km southwest of Edmonton.

Jim Robertson (432-3242) is one of the Field Day's organizers.

Edmonton Medico-Legal Society

The Edmonton Medico-Legal Society is accepting registration for members for the fall of 1988. If interested, contact membership coordinator Joanne Archibald at 423-2461. Address: 1800, 10104 103 Avenue, Edmonton, Alberta T5J 4A4. Membership is restricted to doctors, lawyers, and students in these faculties.

Four Elected to Shastri Indo-Canadian Executive

At its annual meeting on 9 May, the Shastri Indo-Canadian Institute Committee elected its executive for 1988-89. Regula Qureshi (Music) was elected Director. Earle Waugh (Religious Studies) was elected Deputy Director. B.K. Sinha (Psychiatry and Psychology) and S.M. Subbarao (Entomology) were elected to the Steering Committee. □

This reduces water flow, blocks movement of boats and equipment, changes the taste, odor and suitability for human and livestock consumption, and interferes with recreational activities. In some cases, aquatic weeds are responsible for fish kills as they reduce the levels of oxygen in the water during the night.

There are no successful methods for controlling aquatic weeds in rivers. The objective of the project is to determine what current speeds and what levels of nutrients in the river water and river sediments are responsible for shifting the balance from negligible to abundant aquatic weed growth in prairie rivers. The scientists will also evaluate how aquatic weed growth can be reversed.

The research project will be based at the University's Meanook Biological Research Station, 135 km north of Edmonton.

Drs. Prepas and Chambers will work with M.L. Bothwell of the National Hydrology Research Institute in Saskatoon, and H.R. Hamilton, HydroQual Consultants Ltd., Calgary. □

Talks

Soil Science, Plant Science, Agricultural Engineering and Water Resources Centre

30 June, 3 p.m. Wilbert H. Blackburn, supervisory hydrologist/project leader, USDA - Agricultural Research Service, Northwest Watershed Research Center, Boise, Idaho, "Impacts of Livestock Grazing on Hydrologic Processes." 2-36 Earth Sciences Building.

Geography

5 July, 2 p.m. Ronald Stewart, Atmospheric Environment Service, "Giant Snowflakes, Melting, and the Weather." 3-36 Tory Building.

English

13 July, 7:30 p.m. Nicholas Tucker, Department of Developmental Psychology, University of Sussex, "Children's Literature and Psychology." 2-115 Education North. Co-sponsors: British Council, Library Science and Elementary Education.

The Arts

Exhibitions

Friends of the University of Alberta Museums

Until 10 July. "A University Collects: A Celebration of the Human Spirit."

Conference Centre, Third Floor, Manulife Place.

Ring House Gallery

3 July to 28 August. "The Summer Show" — works by Barbara Tipton, Tom O'Flanagan and Franklyn Heisler.

SUB Theatre

8 to 16 July, 8 p.m. The Ensemble for Lyrical Operetta Productions, Edmonton, presents "South Pacific."

Positions

The University of Alberta is an equal opportunity employer.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 24 June. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Clerk Steno II, Electrical Engineering, (\$1,263-\$1,568)
Clerk Steno III (Part-time/Trust), Medicine, (\$1,055-\$1,325) (prorated)
Clerk Steno III (Trust), Biochemistry, (\$1,407-\$1,767)
Clerk Steno III (Trust), Continuing Medical Education, (\$1,407-\$1,767)
Clerk Steno III, Student Counselling Services, (\$1,407-\$1,767)
Student Record Processing Clerk I, Faculty of Extension, (\$1,407-\$1,767)
Programmable Typewriter Operator II, Materials Management, (\$1,407-\$1,767)
Clerk Typist III, Occupational Therapy, (\$1,407-\$1,767)
Clerk Typist III, Pension and Benefits Administration, (\$1,407-\$1,767)
Clerk Typist III, Personnel Services and Staff Relations, (\$1,407-\$1,767)
Administrative Clerk, Personnel Services and Staff Relations, (\$1,568-\$2,003)
Accounts Clerk, Office of the Comptroller, (\$1,568-\$2,003)
Secretary, Office of Alumni Affairs, (\$1,568-\$2,003)
Secretary, Faculty of Dentistry (Stomatology), (\$1,568-\$2,003)
Departmental/Executive Secretary, Dean of Medicine, (\$1,767-\$2,274)
Dental Assistant II (Hourly/Term), Dentistry, (\$9.97-\$12.66/hr)
Technician I (Trust/Term), Civil Engineering, (\$1,627-\$2,088)
Technician I/II (Trust), Biochemistry, (\$1,627-\$2,088)
Vehicle Operator (Recurring term), Faculté Saint-Jean, (\$1,627-\$2,088)
Technician II, Physics, (\$1,845-\$2,373)
Technologist I (Trust/Term), Civil Engineering, (\$2,003-\$2,585)
Administrative Assistant I (Residence Coordinator), Housing and Food Services, (\$2,003-\$2,585)
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Advertisements

Accommodations available

Sale - Acreage west of city. 1,660' bungalow. Nicely treed. Very private, not in subdivision. Chris Tenove, 433-5664, 436-5250. Spencer Realty.
Sale - Hubbles Lake retreat. \$19,500. 4.38 acres. Mobile home. Chris Tenove, 433-5664, 436-5250. Spencer Realty.
Sale - Large city lots, Windermere area. Chris Tenove, 433-5664, 436-5250. Spencer Realty.
Sale - Garneau, University area bungalow with hardwood floors. Close to hospital. Chris Tenove, 433-5664, 436-5250. Spencer Realty.
Sale - New listing, McKernan. Immaculate bungalow, hardwood floors, south yard. Chris Tenove, 433-5664, 436-5250. Spencer Realty.
Victoria properties - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call collect (604) 592-3666, Lois Dutton, Wessex Realty, Victoria, B.C.
Sublet - One-bedroom apartment, furnished. One year study leave begins 1 September. \$460 includes utilities, parking. 8510 111 St. 433-8302.
Rent - Furnished, three/four bedrooms. Walking distance University. Non-smoking, 1 January 1989-31 July 1989. \$775. 433-1352.
Sale - Beau Park. Close to University. Single family dwelling. \$87,000. 436-0277. No agents please.
Rent - One-bedroom, basement suite, separate entrance. No pets, non-smoker, four appliances. \$275. Half block campus. 89 Ave. 109 St. Available 15 July. 475-1210.
Rent - Semi-furnished, five bedrooms, two storeys. \$950 plus utilities. No pets, non-smoker, half block campus. Available 15 July. 89 Ave. 109 St. 475-1210.
Rent - Two-bedroom house, modern, walking distance University. Appliances, \$600 monthly, damage deposit, references required. Mature individuals only. 482-6947 days.
Share - Third roommate needed for spacious, three-bedroom apartment. Available now, \$192 including utilities. 433-3796.
Sale - Elegant Garneau, two-storey home. Oak floors, approximately 1,900 sq. ft. plus basement development. Renovated kitchen, wiring, plumbing. Mature trees, front drive, opposite Garneau Park. \$172,000. No agents. 433-2909.
Rent - Windsor Park house, unfurnished, three bedrooms, finished basement, all appliances, 60 seconds from campus. 1 August, \$850. 436-1336 5-9 p.m.
Sale - Three-bedroom house in Windsor Park. Modern interior with new kitchen and bathroom. Fireplace, double garage, developed basement. 11728 83 Ave. 433-8667.
Sale - By owner. Old Strathcona, charming, renovated, four bedrooms, two storeys. 1,450', hardwood, four appliances, antique fixtures, hot tub, garage, treed, many features. \$121,000. No agents. 9937 87 Ave. Viewing, 432-1280.
Rent - Two-bedroom, luxury, high-rise condominium. 1,420 sq. ft. One block to campus. Two baths, five appliances, A/C, underground parking. 440-6064 days, 437-4203 evenings.
Sale - Deluxe condominium, 11016 86 Ave. Lots of appeal and pizzazz. Professionally decorated, custom

blinds, fireplace, underground parking. Multi-level, two spacious bedrooms, laundry room. Joy Murray, 438-6111, NRS Realty.

Sale - Garneau. Hampton Village townhouse, two bedrooms plus den, 1 1/2 baths, fireplace, four appliances, underground parking (two stalls), large patio. By owner. No agents. 433-6626.

Rent - Windsor Park, superb location. House available. 1 September, prefer long leases. \$1,300 obo, unfurnished. Russell, 432-6296, 432-7174 res.

Rent - Three-bedroom, furnished, luxury condominium. Westridge, 11 km to University. \$800 plus utilities. Available August or September till 30 June 1989. Contact Kennedy, 432-4713, or Bella, 426-7980, 438-2924.

Sale - Old Strathcona. Very large, three-storey, brick home. Six bedrooms, historic designation. 9945 86 Ave. Shown by appointment only. \$255,000. Phone Judy, 433-0639 after 5 p.m.

Sale - Condominium, 42 Woodvale Village. Excellent, three bedrooms, end unit, south yard, deck, large kitchen, two baths. Good mortgage, well priced, \$49,900. Sherry Mailo, Canada Trust Realty. 468-2100.

Sale - Live rent-free. Groat Estates, three suites, basement fully developed, double garage. Close to downtown. \$84,900. Call Sherry Mailo, Canada Trust Realty. 468-2100.

Sale - Groat Estates. Live rent-free. Charming, older home. Close to downtown. Double garage, large lot. Call Sherry Mailo, Canada Trust Realty. 468-2100.

Rent - Near University, well kept, upgraded semi-bungalow. Large living room, fireplace, four bedrooms, two baths, large kitchen, developed basement, four appliances, garage, huge fenced yard. \$850. One-year lease. 434-3420.

Rent - Completely furnished, executive home. 1 September-spring. 483-6300.

Rent - Two-bedroom, fully furnished suite. 102 Ave. 120 St. Plug-in parking. Non-smokers preferred. 15 October-1 May. \$450/month. Phone 488-7085.

Rent - Furnished/unfurnished, three-bedroom bungalow. Southside, appliances, single garage, sundeck. 1 September 1988-July 1989. Direct bus route to U of A. 469-4761.

Rent - Attractive, fully furnished bungalow on Saskatchewan Drive, overlooking river. Five minutes to University. 1 October to 1 July. Reasonable rent. 432-7640.

Sale - Riverbend. Unique, custom-built home with Mediterranean flavor, near ravine. Panoramic view from second storey balcony. Five bedrooms, oak floors in living, dining room. Ann Dawrant, Spencer Realty, 436-5250.

Sale - 3,000 sq. ft. bungalow. 8011 Saskatchewan Drive. Five years old. Grand, imaginative, exceptional construction. Reduced price, \$298,000. Be sure, compare. Call Hindle Realty Ltd. 433-4101.

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Rent - Beautiful house, Lendrum area. Walk to all buses, IGA, Safeway, Southgate Shopping Centre. Available 1 July. 437-6462 evenings, anytime weekends.

Sale - South Garneau, attractive semi-bungalow, 1,300', four bedrooms, two full baths, hardwood floors, new plumbing, wiring, furnace. Sunny backyard, easy walking distance University. By owner, \$99,000. 433-0405.

Sale - Gardener's delight. Immaculate, three-bedroom, hillside bungalow on large, sunny lot. Riverbend, 2,700'. Tastefully decorated, double attached garage. \$154,900. Maureen Westlake, Century 21 Byron's Realty, 437-1430.

Sale - Elegant condominium, The Uplands. Spacious home, large formal dining and living room. Two bedrooms plus den. Gourmet kitchen. Underground parking, 24-hour security. Call Maureen Westlake, Century 21 Realty, 437-1430.

Sale - Trees, birds, stars. 19.5 acres plus bungalow, guesthouse, greenhouse. West, easy daily commute. Substantially reduced for immediate sale. Ask for Pat von Borstel, 437-6540, 436-5250. Spencer Realty.

Sale - Windsor Park. New listing. Super new kitchen, deck, hardwood floors,

double garage. Walk to hospital or University. Ask for Pat von Borstel, 437-6540, 436-5250. Spencer Realty.

Sale - City view condominium. University area, 12th floor. Pool, jacuzzi, sauna. \$86,900. Five appliances, air-conditioned. Call Carolyn Smith, Re/Max Real Estate, 438-1575, 435-0217. Immediate possession. Great value!

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Rent - Home, main floor, University/Parkallen area. Bus lines. Hardwood floors, appliances, single garage. Non-smokers, no pets, deposit, references. Immediate possession. \$575. Call Smith, 435-0217, or Re/Max Real Estate, 438-1575.

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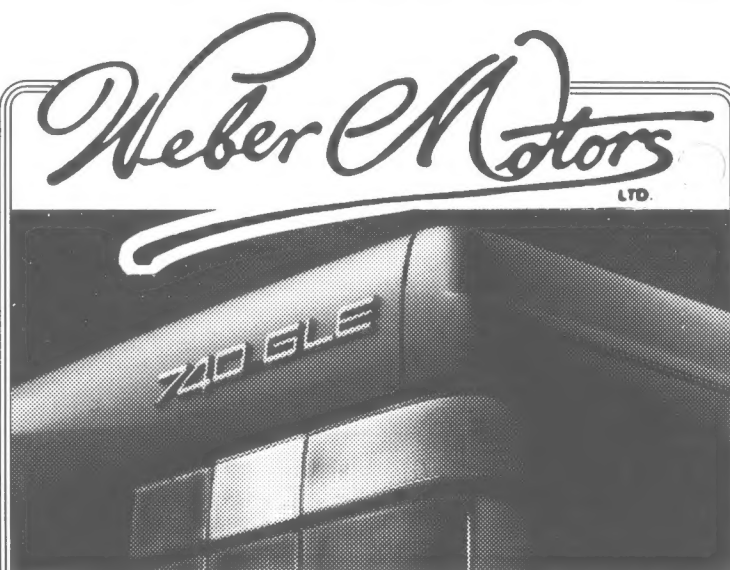
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